

Fig.4

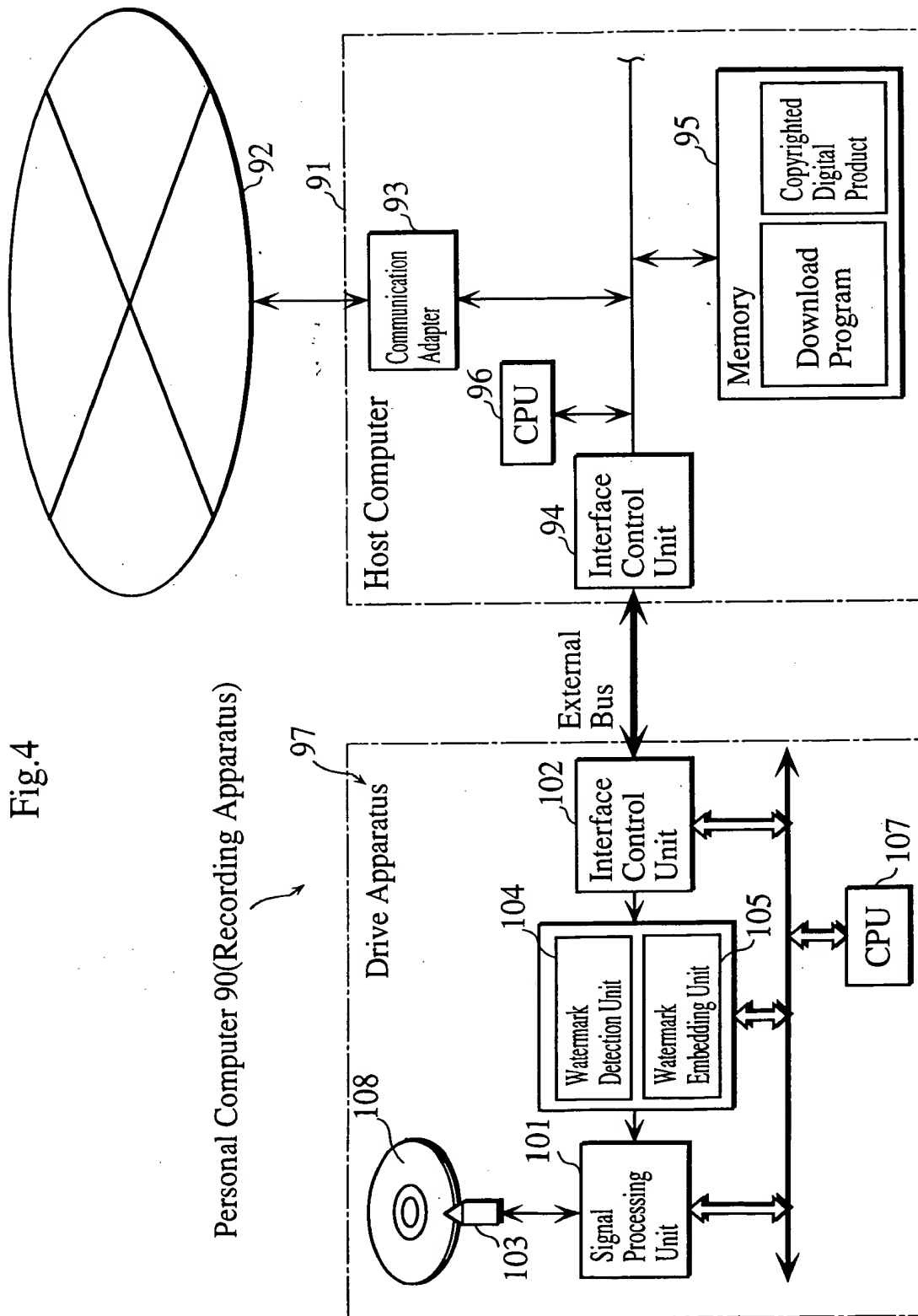
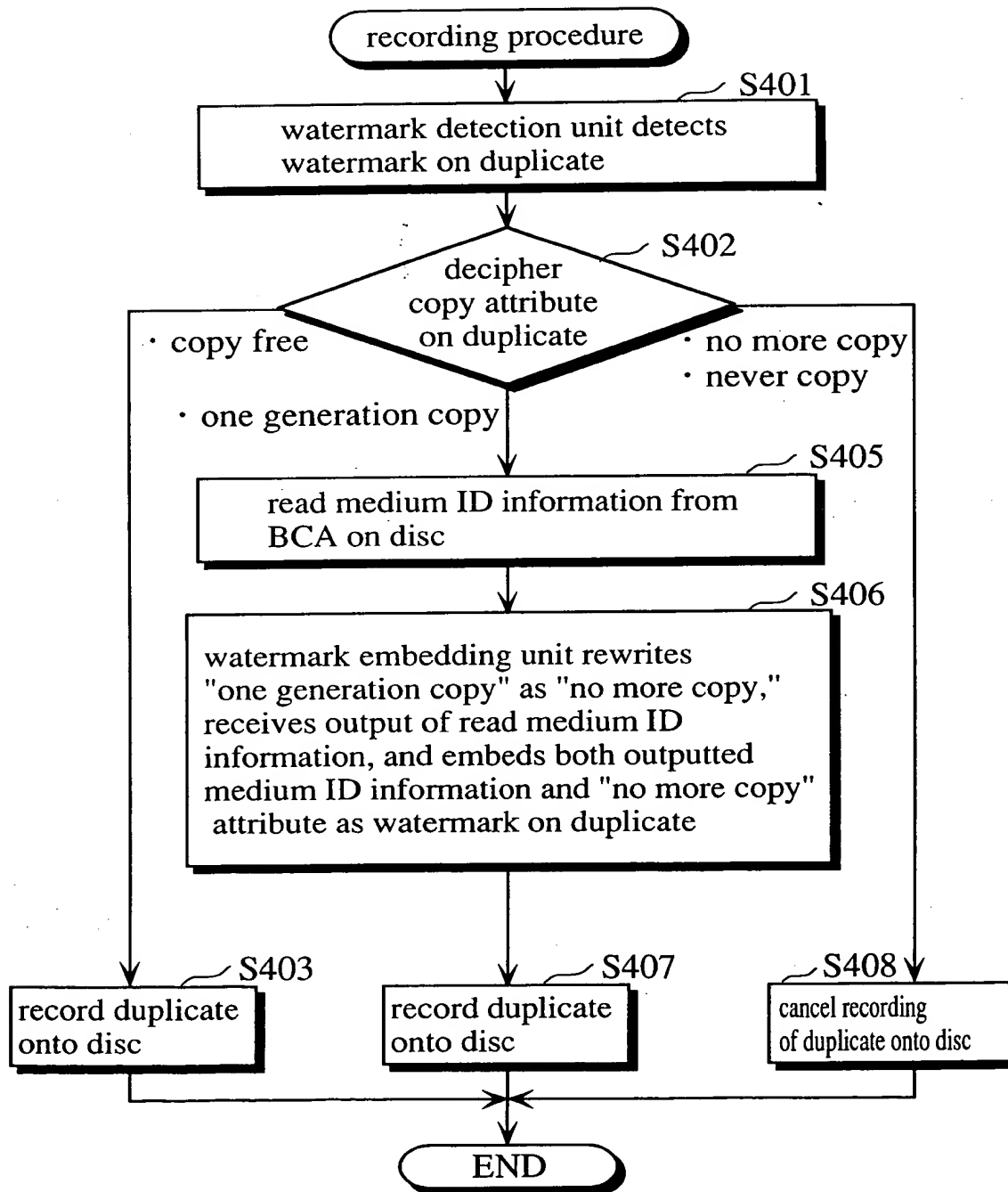


Fig.5



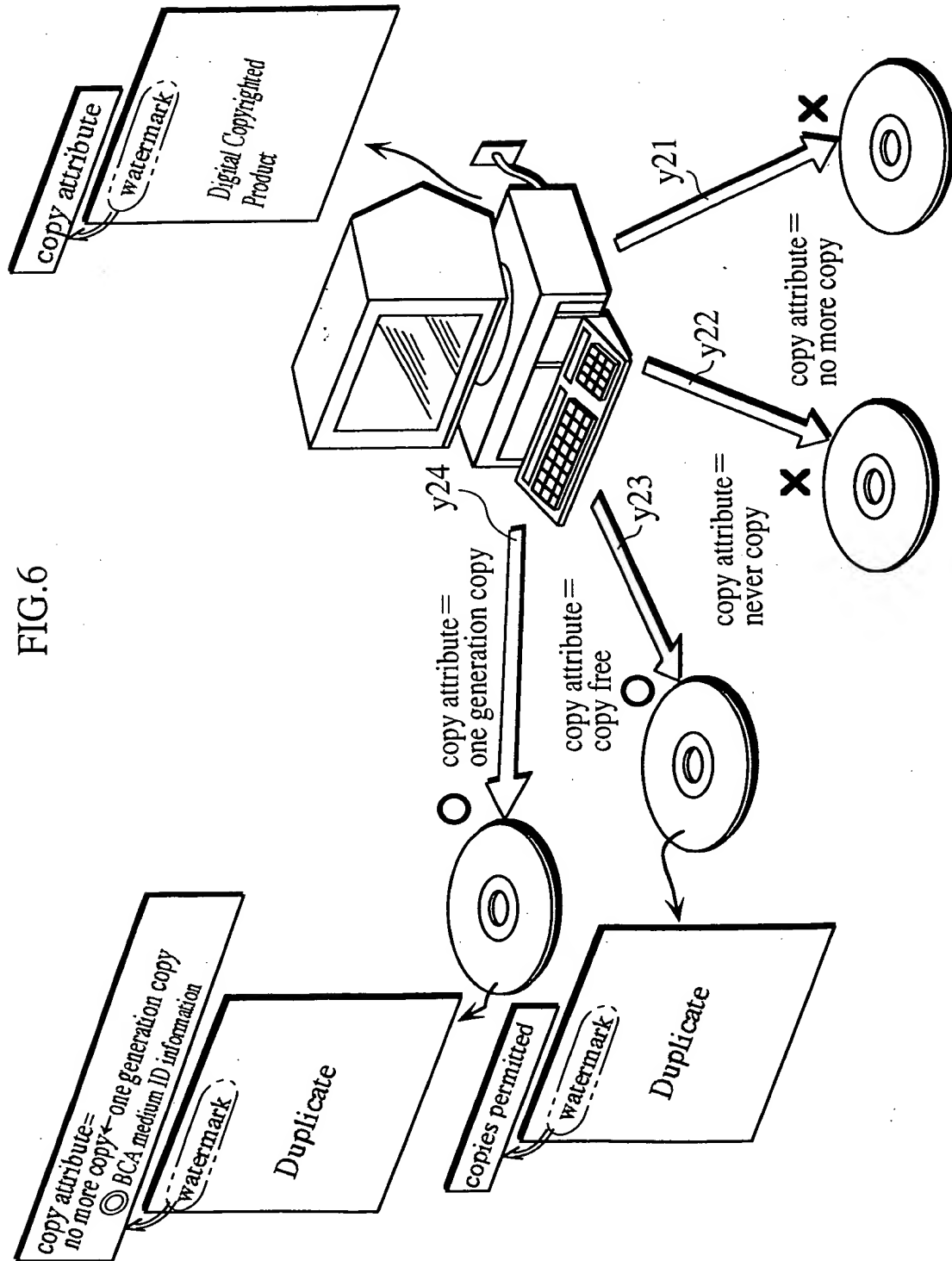


Fig.7B

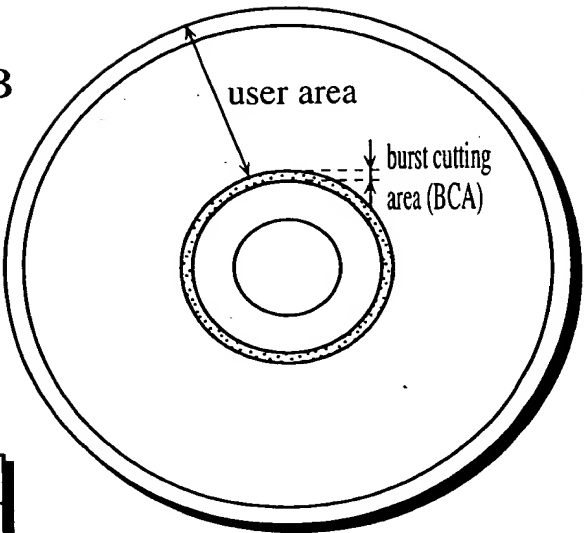


Fig.7A

copy attribute	
copy free	00
one generation copy	10
no more copy	11
never copy	01

Fig.7C

Copyrighted Digital Product

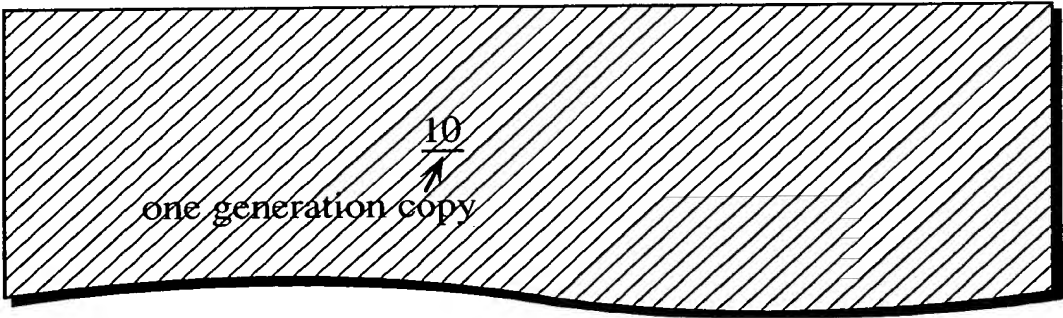
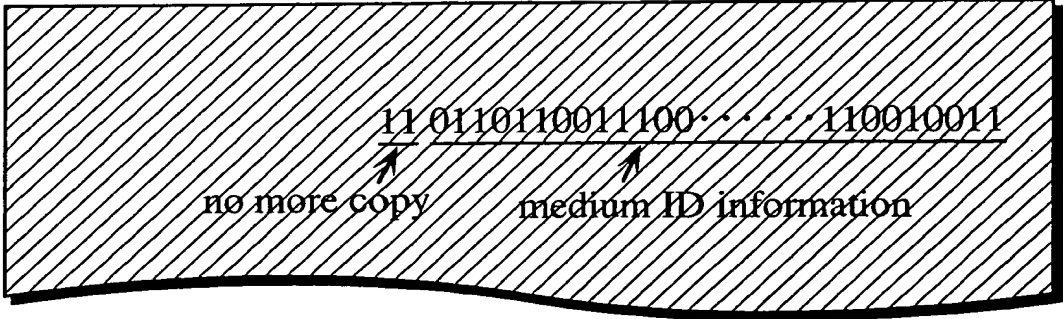


Fig.7D

Duplicate



09/914129 082301

Fig.8

Reproduction Apparatus

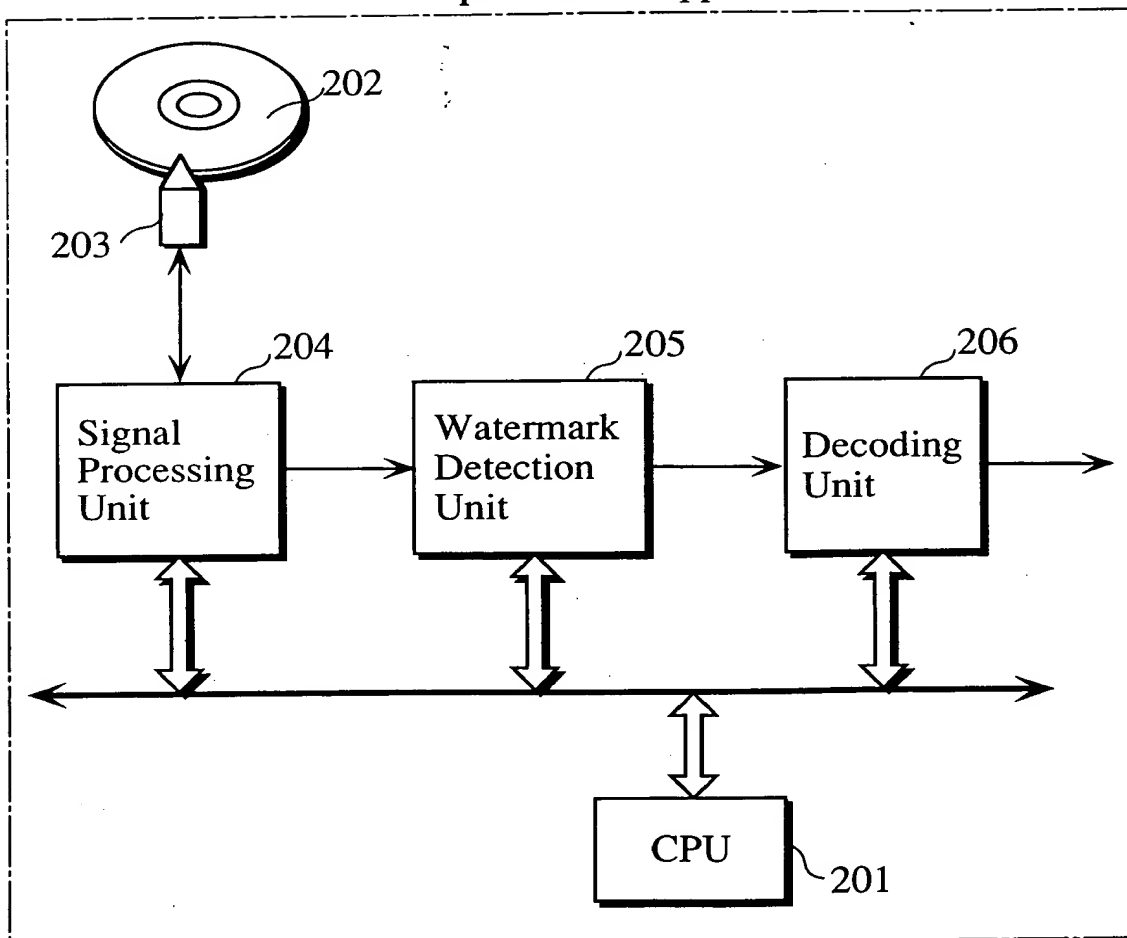
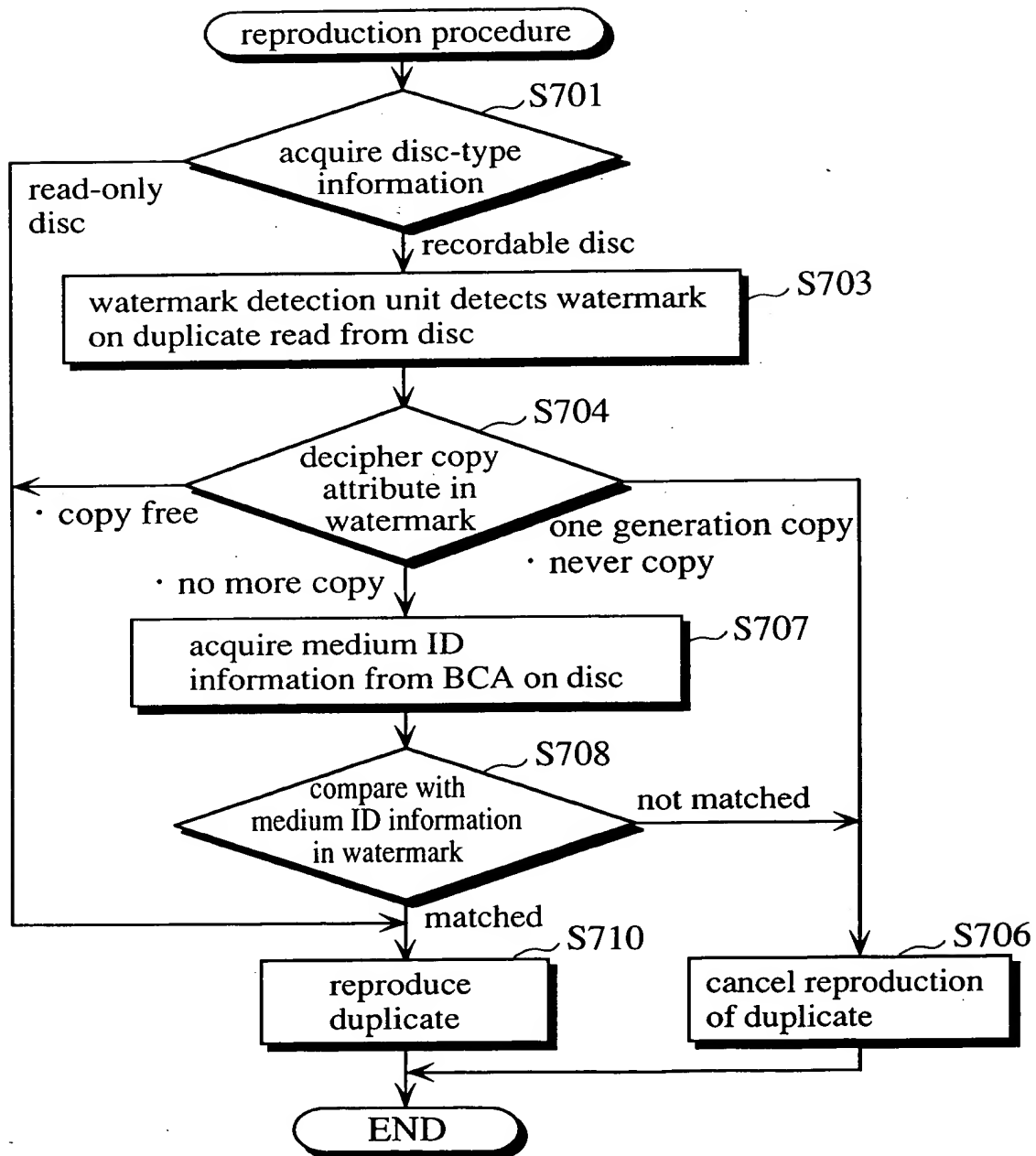


Fig.9



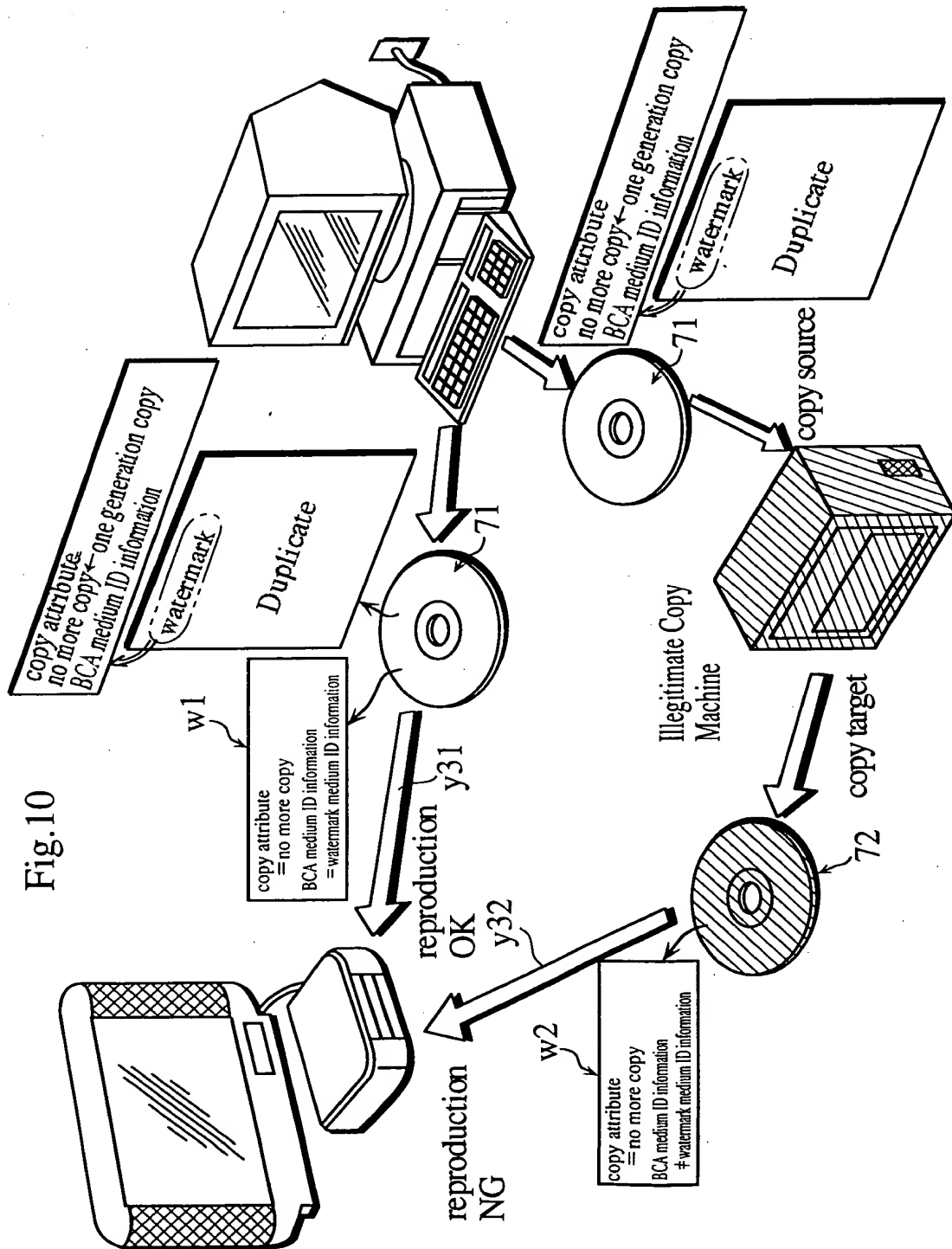


Fig.11A

○ area code		
000 : United States	001 : Japan/Europe	010 : South Asia
011 : Latin America	100 : Asia/Africa	101 : China
110 : Reserved	111 : Special Area (plane, boat, etc)	

Fig.11B

Copyrighted Digital Product

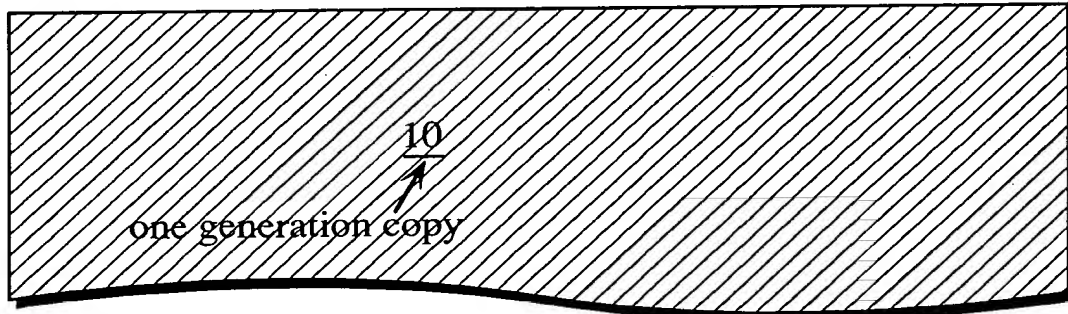


Fig.11C

Duplicate

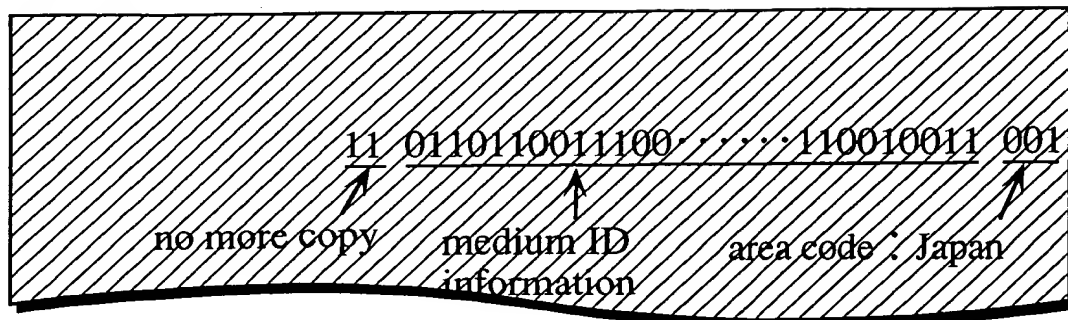


Fig.12

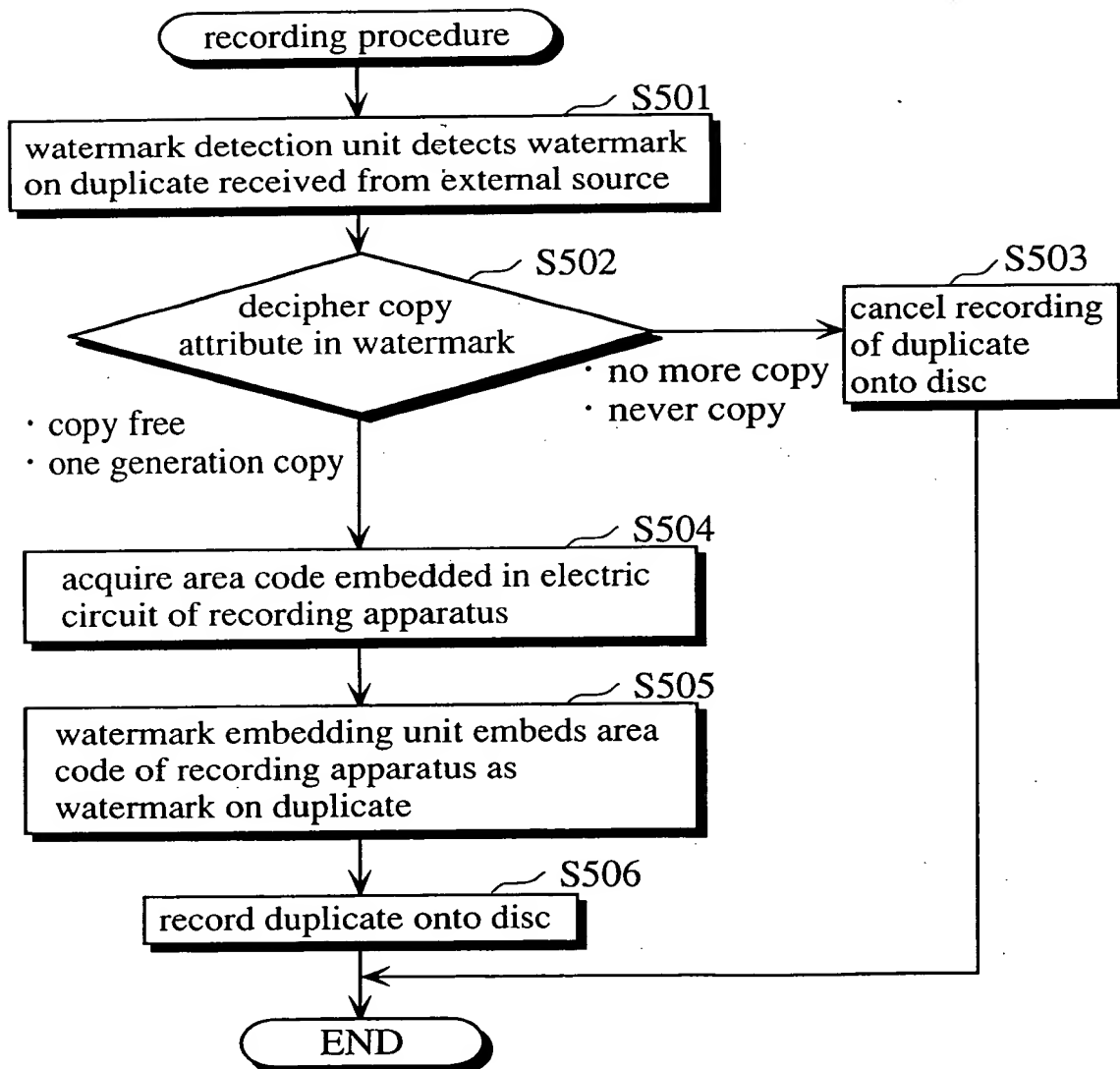


FIG. 13

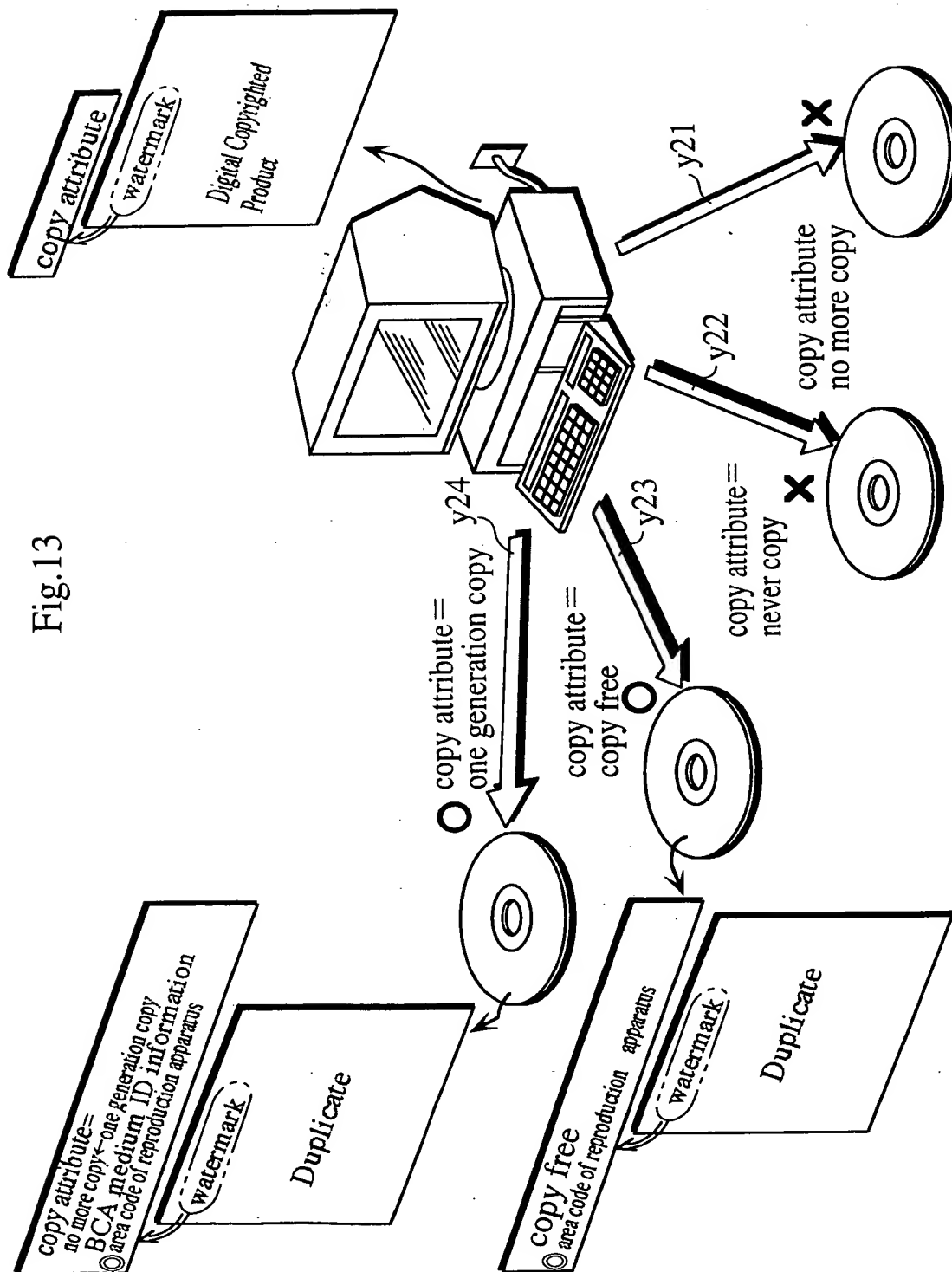
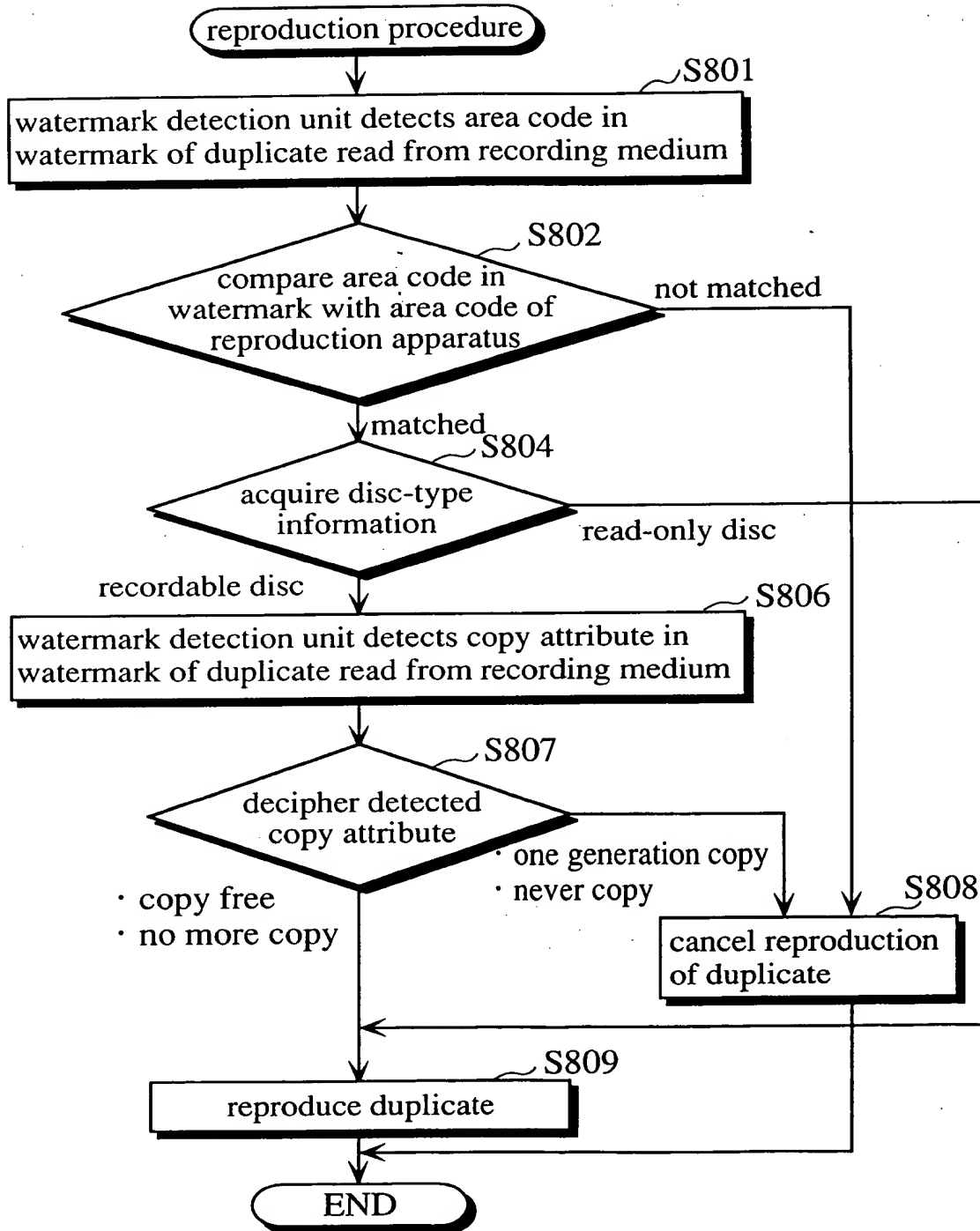


Fig.13

Fig.14



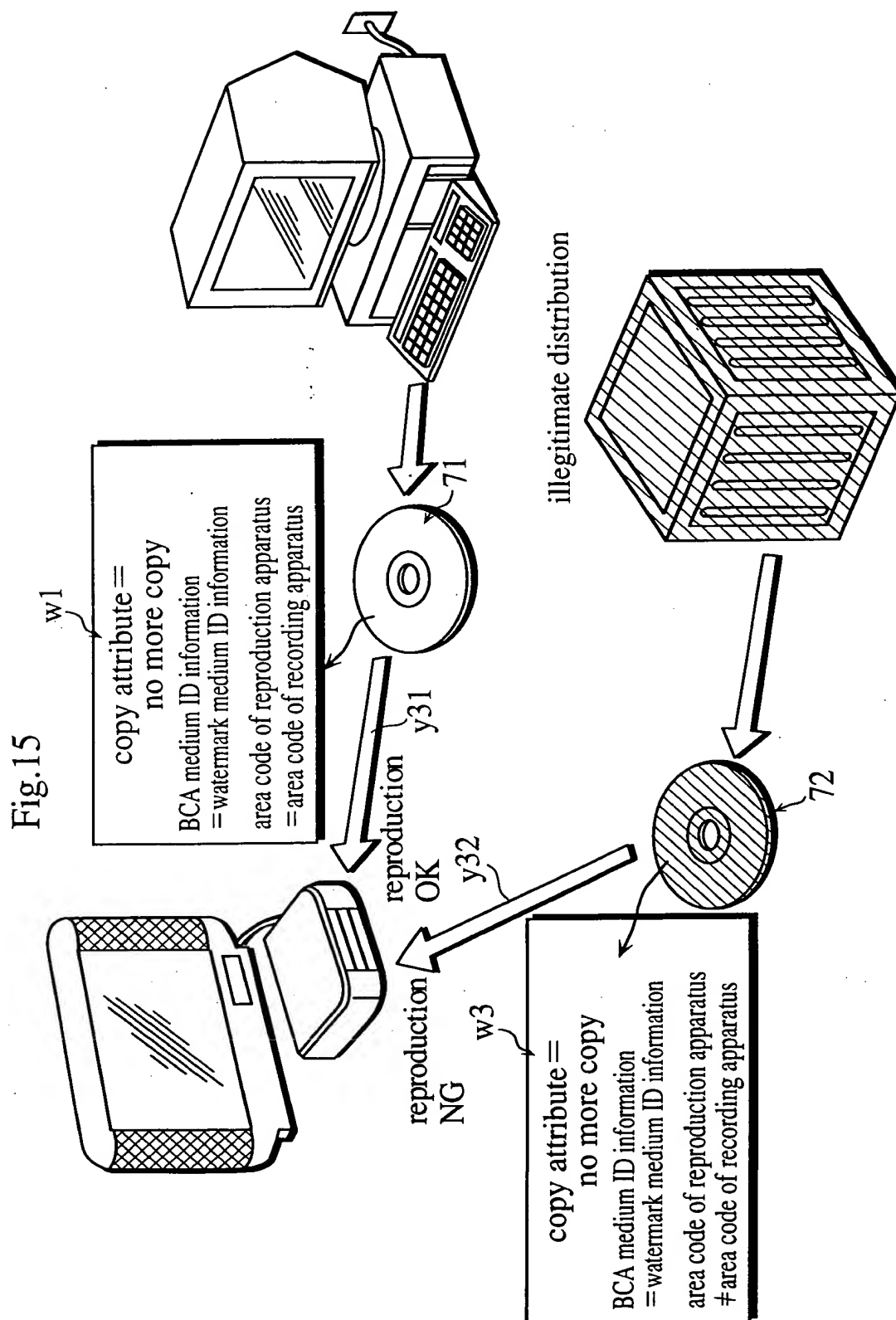


Fig.16

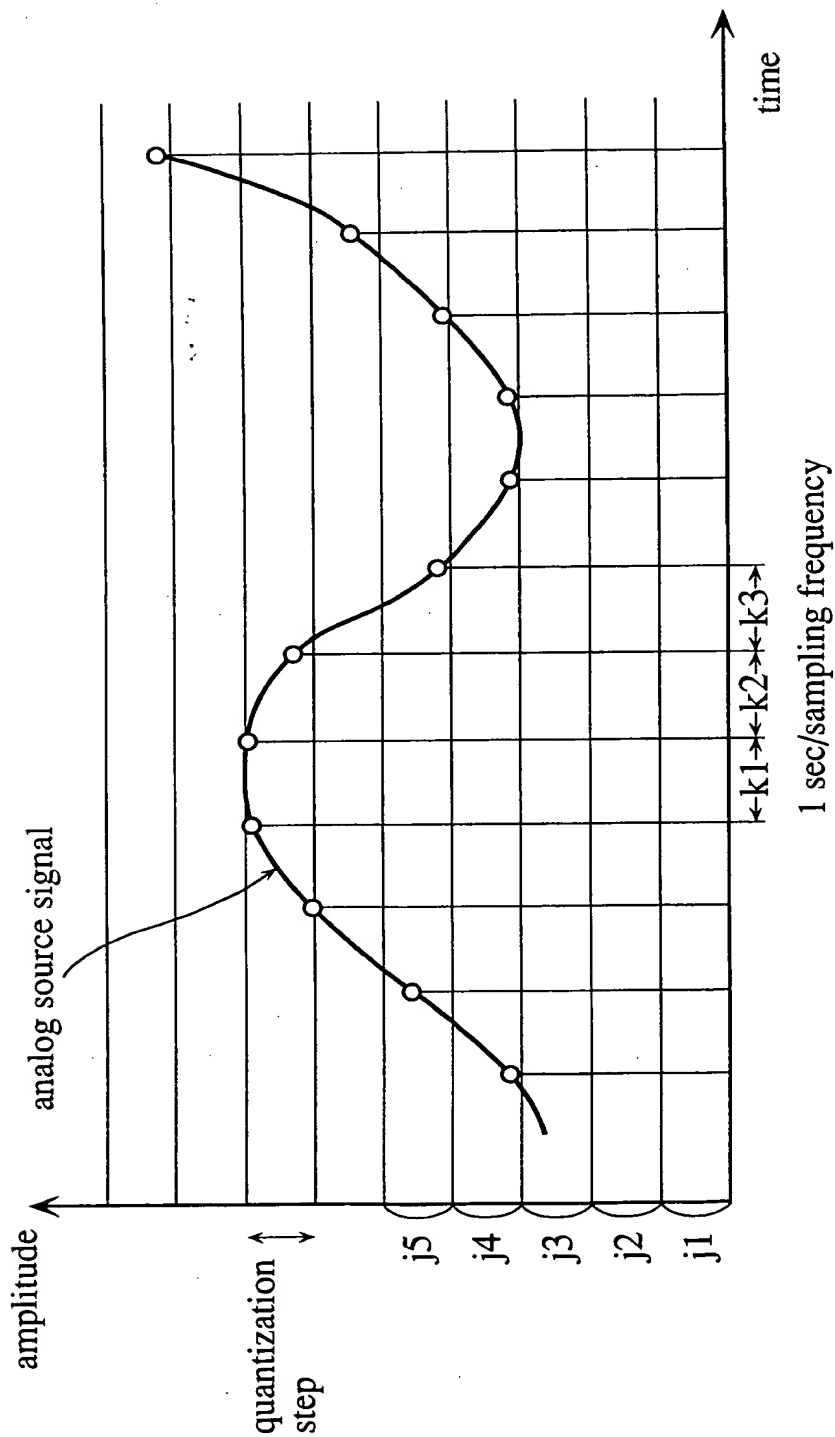
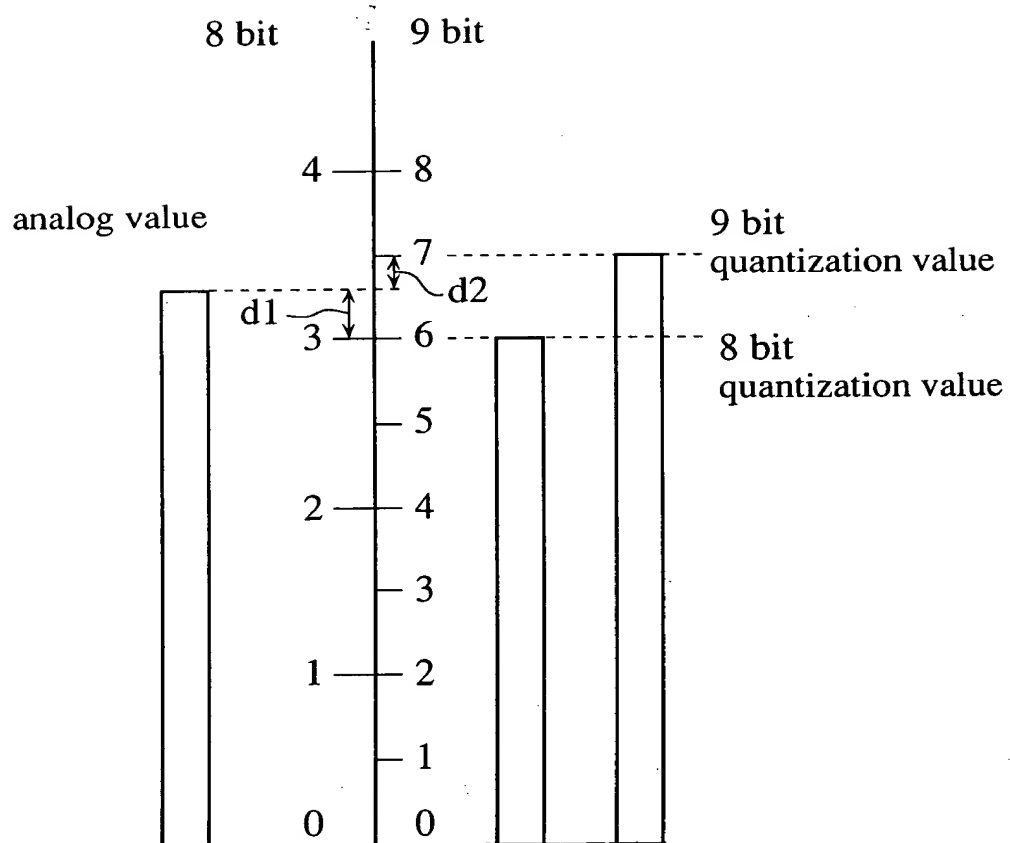


Fig.17



reproduction quality information for digital sound data

reproduction quality information for digital image dataFig.18B

A diagram showing a single generation copy of a chromosome. It consists of a single, continuous, wavy line representing the DNA molecule. The line is filled with diagonal hatching. An arrow points from the text "one generation copy" to the line, and the number "10" is written above the arrow.

Duplicate

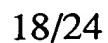
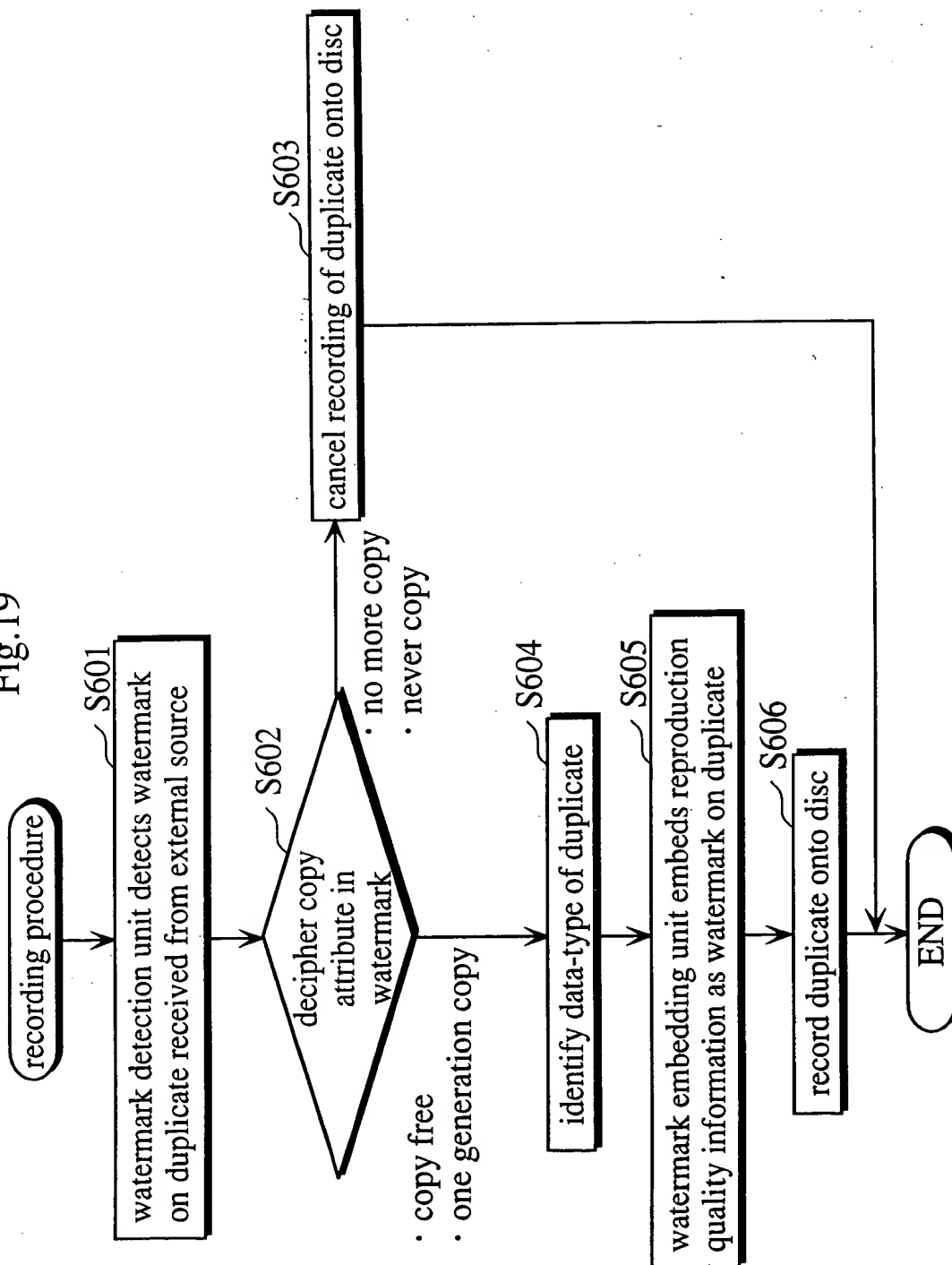


Fig. 19



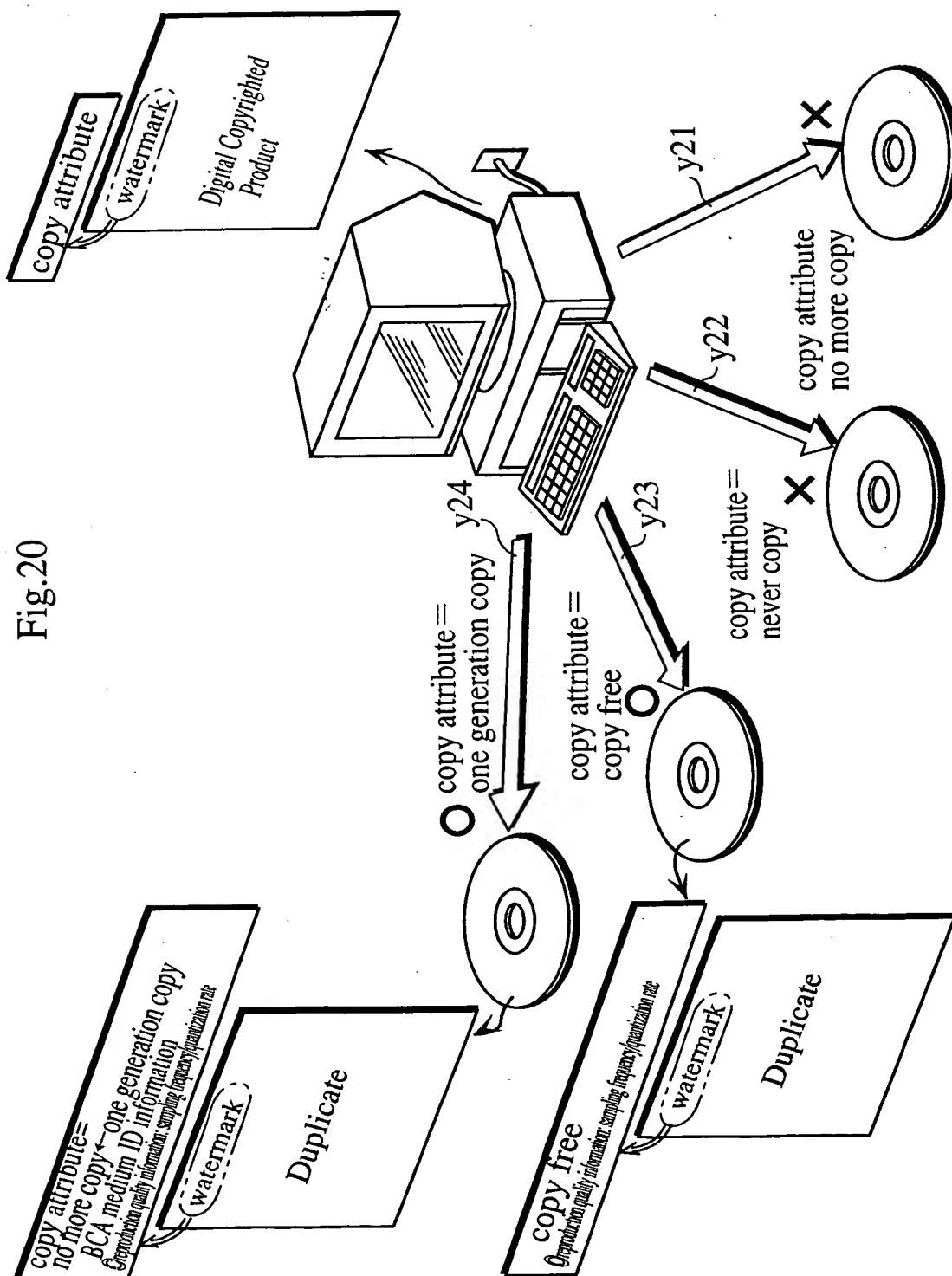


Fig.20

Fig.21

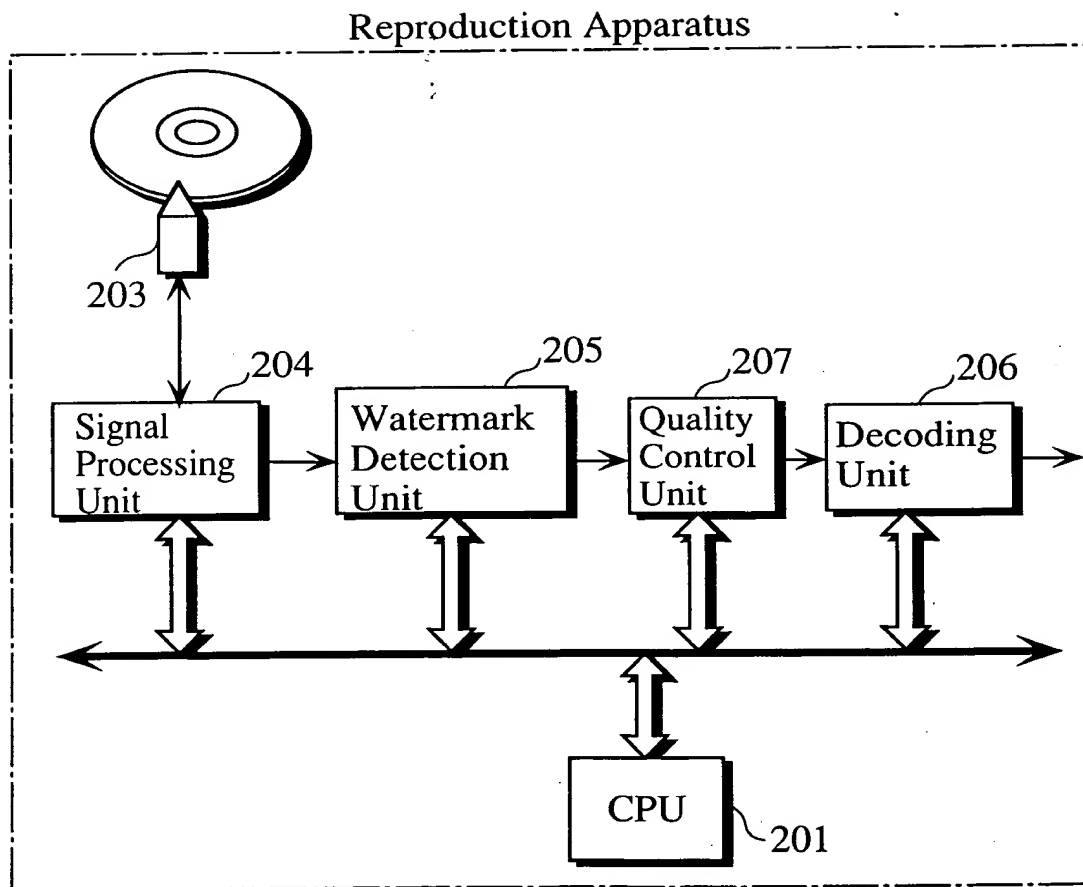


Fig. 22

```
graph TD
    Start([reproduction procedure]) --> S1001{acquire disc-type information}
    S1001 -- "read-only disc" --> S1003[S1003 watermark detection unit detects watermark on duplicate read from disc]
    S1001 -- "recordable disc" --> S1004{decipher copy attribute in watermark}
    S1003 --> S1005[cancel reproduction of duplicate]
    S1004 -- "copy free, no more copy" --> S1007[instruct based on reproduction quality information in watermark]
    S1004 -- "one generation copy, never copy" --> S1005
    S1007 --> S1002[reproduce duplicate]
    S1005 --> S1002
    S1002 --> End([END])
```

The flowchart illustrates the reproduction procedure, starting with a decision diamond S1001 to acquire disc-type information. If the disc is read-only, the process proceeds to S1003, where the watermark detection unit detects a watermark on the duplicate read from the disc, leading to S1005 (cancel reproduction of duplicate). If the disc is recordable, the process proceeds to S1004, where the copy attribute in the watermark is deciphered. S1004 has two exit paths: one for "copy free" and "no more copy" leading to S1007 (instruct based on reproduction quality information in watermark), and another for "one generation copy" and "never copy" leading to S1005. Both S1007 and S1005 lead to S1002 (reproduce duplicate), which finally leads to the END terminal.

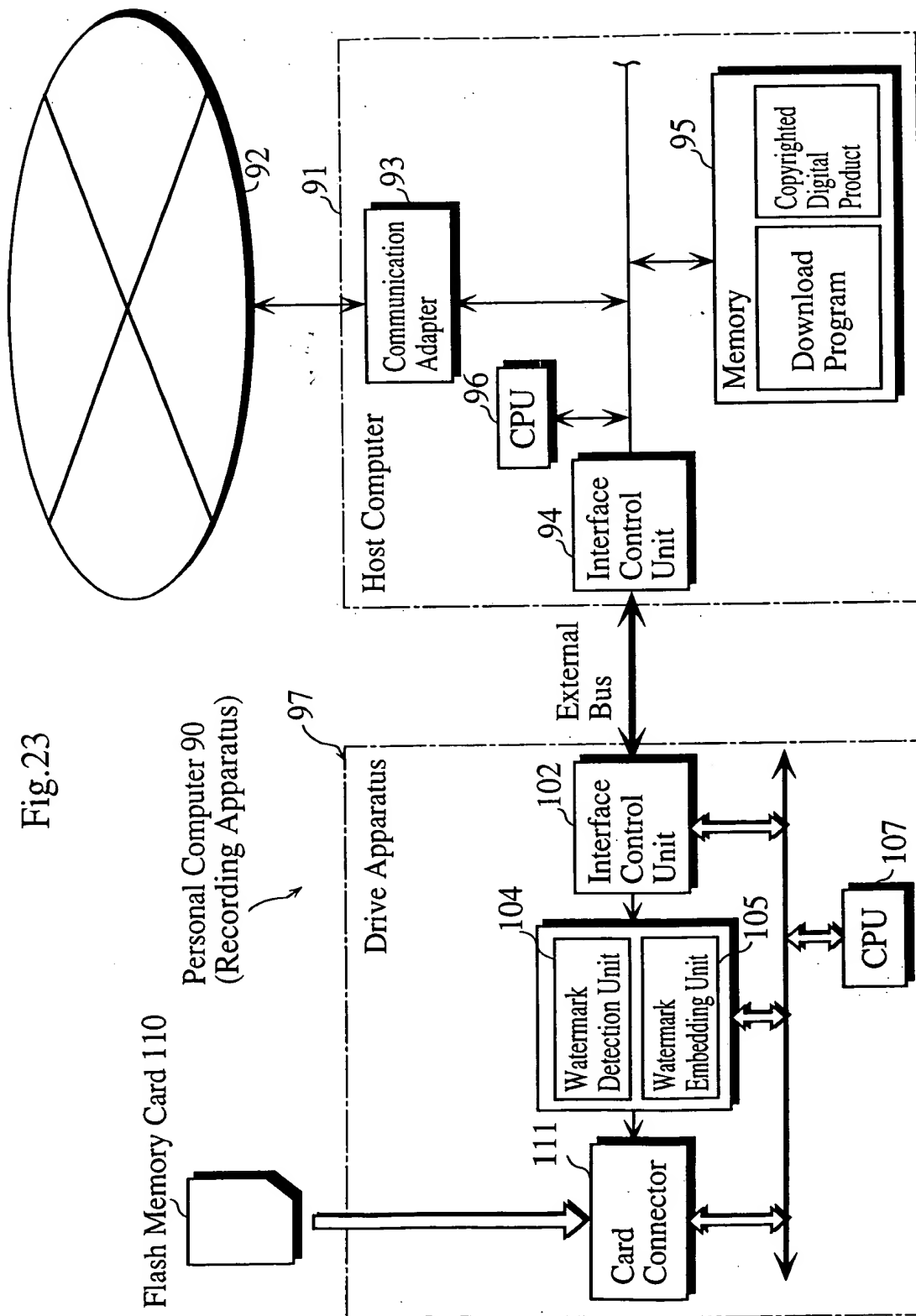


Fig.23

Fig.24

